

## ABSTRACT OF THE DISCLOSURE

A communication apparatus which performs wireless communication with other communication devices existing in the neighborhood, includes: a transmission processing element 13 for processing a transmission signal; an antenna 17 for wirelessly transmitting an output of the transmission processing element 13; and an output power regulation element 16 for attenuating the output of the transmission processing element 13 to be output from the antenna 17 when a search signal to search for other communication devices is transmitted in a predetermined state from the transmission processing element 13. With such configuration, when a signal to search for other devices existing in the neighborhood is transmitted in short range wireless communication, a communication range can be restricted using a simple structure.